

Docket No.: PF-0442-2 DIV

Please amend claims 3, 8 and 11 as follows.

For the Examiner's convenience, all pending claims are listed below. Attached hereto is a marked-up version of the changes made to the specification and claim 8 by the current amendment. The attached page is captioned "Version with markings to show changes made."

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C 2
C 2
Claim 3

3. (Twice Amended) An isolated polynucleotide encoding a polypeptide selected from the group consisting of:

- a.) a polypeptide comprising the amino acid sequence of SEQ ID NO:1,
- b.) a polypeptide comprising an amino acid sequence at least 90% identical to the amino acid sequence of SEQ ID NO:1, said polypeptide having cyclic nucleotide phosphodiesterase activity,
- c.) a fragment of a polypeptide having the amino acid sequence of SEQ ID NO:1, said fragment having cyclic nucleotide phosphodiesterase activity, and
- d.) an immunogenic fragment of a polypeptide having the amino acid sequence of SEQ ID NO:1.

6. A recombinant polynucleotide comprising a promoter sequence operably linked to a polynucleotide of claim 3.

7. A cell transformed with a recombinant polynucleotide of claim 6.

C 3
C 3
Claim 4

8. (Twice Amended) A method for producing a polypeptide encoded by the polynucleotide of claim 3, the method comprising:

- a.) culturing a cell under conditions suitable for expression of the polypeptide, wherein said cell is transformed with a recombinant polynucleotide, and said recombinant polynucleotide comprises a promoter sequence operably linked to a polynucleotide of claim 3, and
- b.) recovering the polypeptide so expressed.

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11. (Twice Amended) An isolated polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising the polynucleotide sequence of SEQ ID NO:2,
- b) a polynucleotide comprising a polynucleotide sequence at least 90% identical to the polynucleotide sequence of SEQ ID NO:2, encoding a polypeptide comprising the amino acid sequence of SEQ ID NO:1 and said polypeptide having cyclic nucleotide phosphodiesterase activity,
- c) a polynucleotide complementary to a polynucleotide of a),
- d) a polynucleotide complementary to a polynucleotide of b) and
- e) an RNA equivalent of a)-d).

CY
MB
GJ